




Apr 21st, 9:00 AM - Apr 22nd, 4:45 PM

Vigor Industrial Southwest Yard Habitat Project: Demolition of Shipways and Piers on the Duwamish River and Construction of Transition Zone Habitat

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<https://cedar.wvu.edu/ssec/2020ssec/allsessions/102>

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Duwamish River Fish Habitat NRD Project

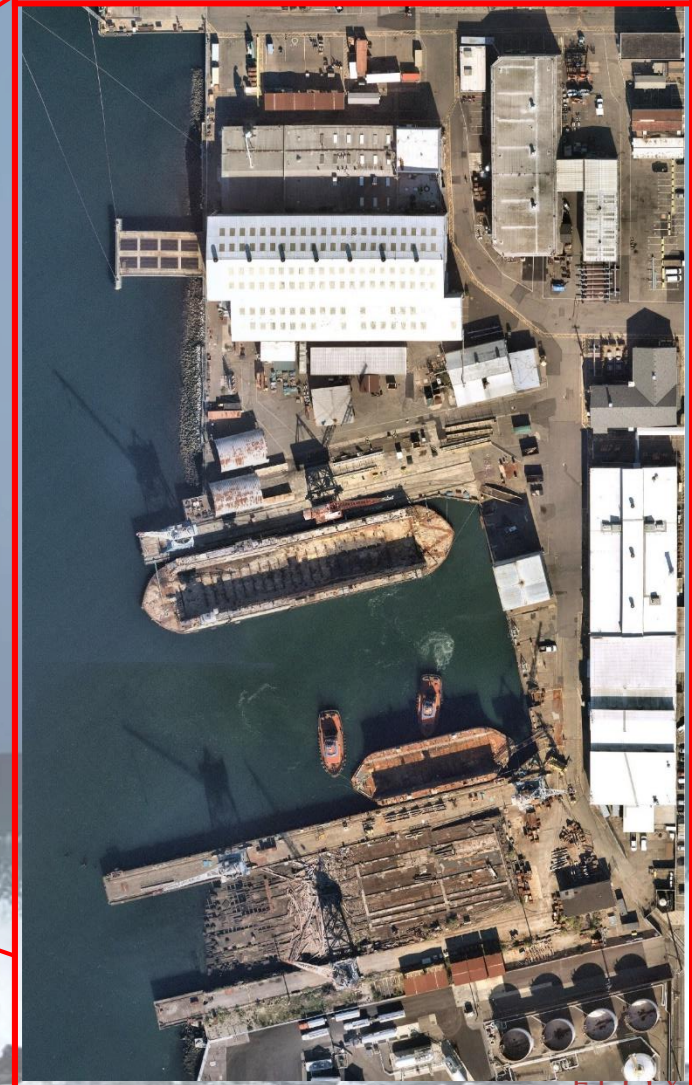
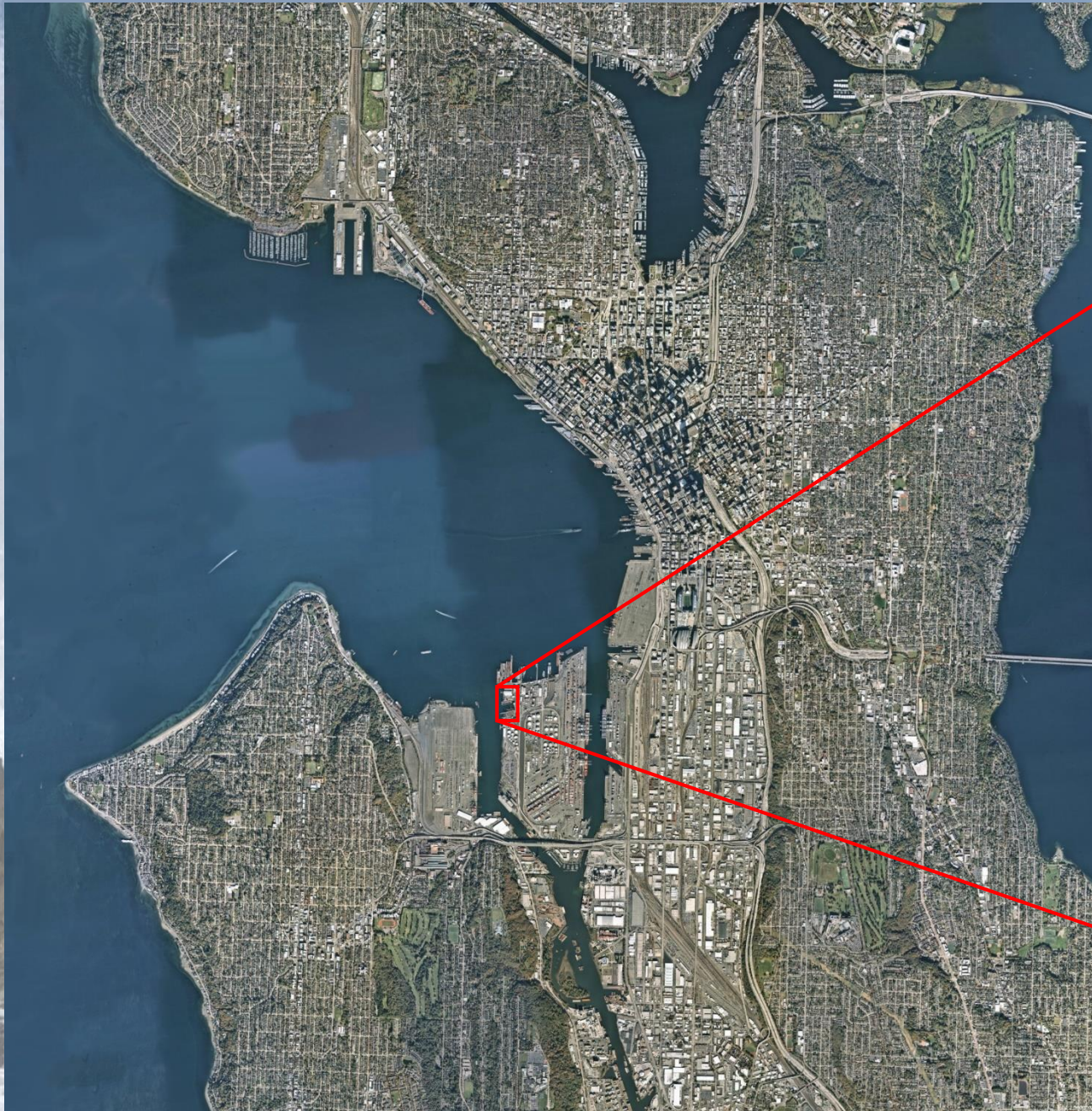
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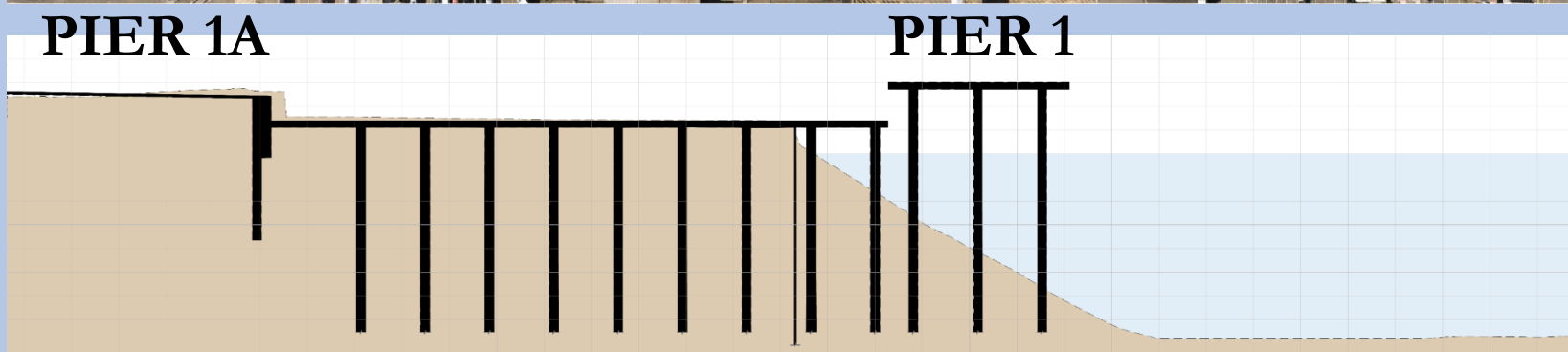


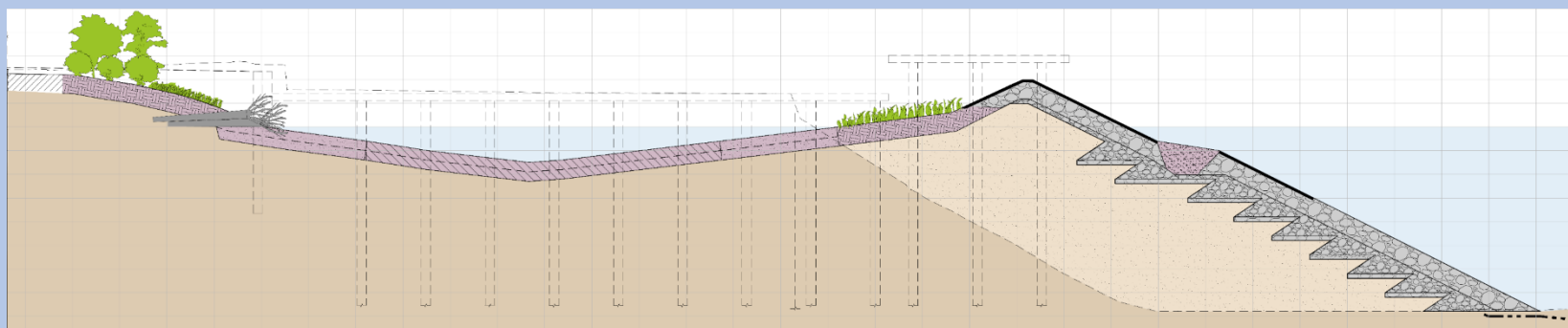
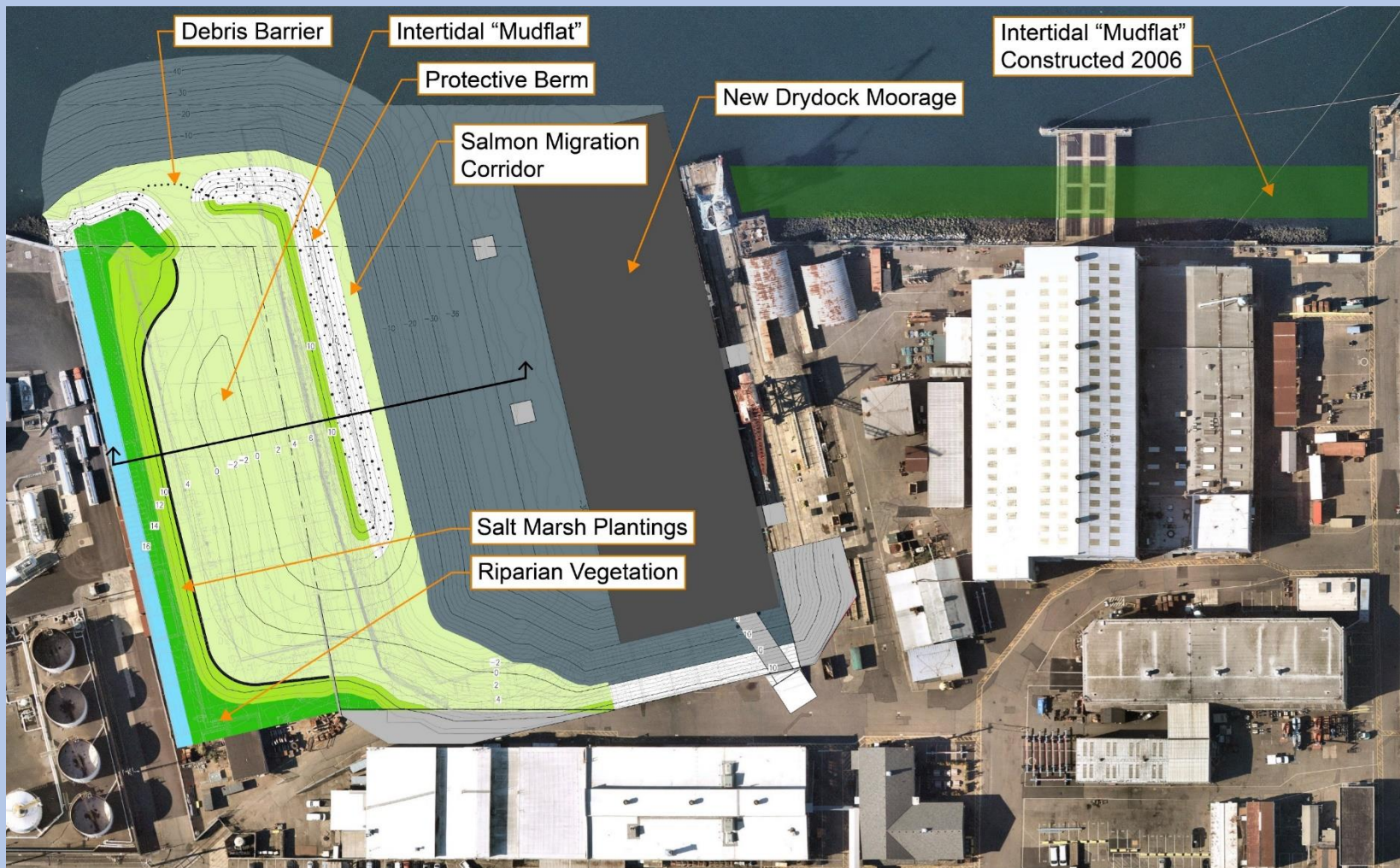
Johnathan Cook, PE
Civil Engineering Project Manager, Vigor



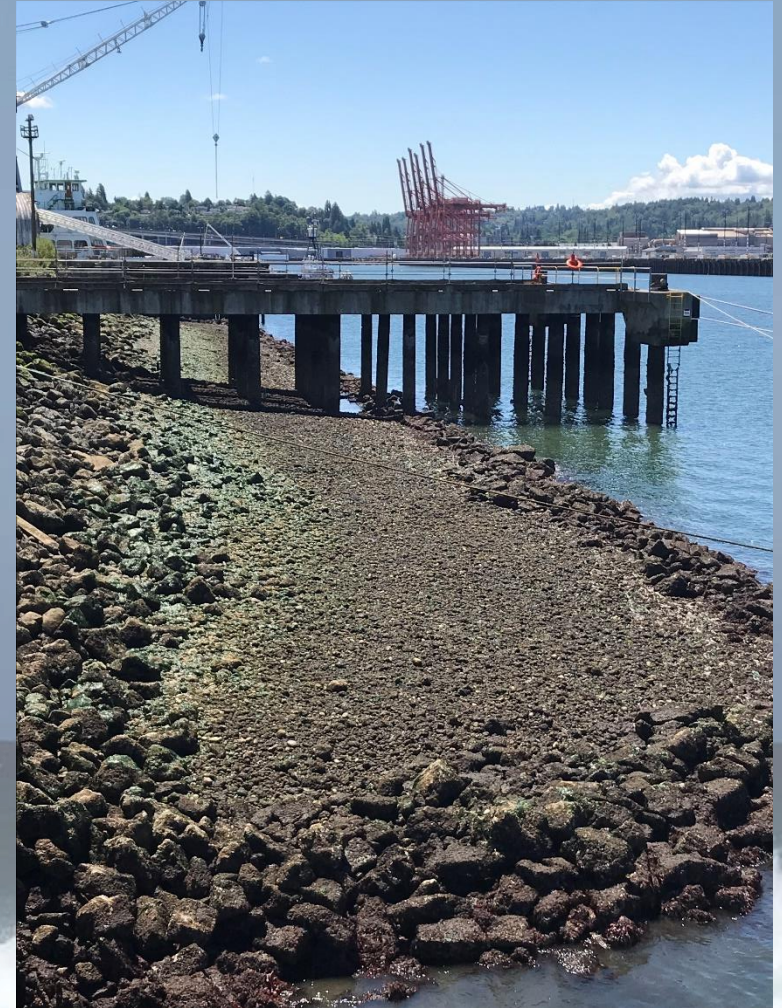
Vigor NRD Habitat Project







Intertidal Mudflat



Courtesy of Floyd | Snider



Vigor Industrial Fish Habitat Project



Note: The design shown is conceptual, to be refined during design phase collaboration with Natural Resource Trustees



Habitat Project Highlights

- Creation of 0.29 acres of riparian buffer
- Creation of 0.39 acres of tidal marsh off-channel habitat
- Creation of 1.96 acres of intertidal mudflat habitat
- Conversion of 1.51 acres of uplands to habitat
- Removal of 1.16 acres of overwater structure
- Removal of 4,900 creosote-treated piles



Concurrent Projects

- Continue TSSOU under-pier cleanup
- Replacement of untreated stormwater outfalls with one treated stormwater outfall
- Replace 50-year old substation
- New dry docking moorage system
- New vessel access ramp
- Partnership with LLTK for habitat efficacy study comparing fish usage before & after construction.



Shipways



Pier 2P





QUESTIONS



ANSWERS

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